

Message

Sent: 10/25/2018 11:28:37 PM
Subject: FW: Reporting Request
Attachments: ical 8050004.pdf; may 21 18 data package.pdf; may 22 18 data package.pdf; may 23 18 data package.pdf; batch blank data.pdf; mdl data.pdf; Narrative2.pdf

From: Julie Swift [mailto:Julie.Swift@erg.com]
Sent: Wednesday, 24 October, 2018 13:33
To: Shappley, Ned <Shappley.Ned@epa.gov>
Cc: Weinstock, Lewis <Weinstock.Lewis@epa.gov>; Trinca, Laurie <Trinca.Laurie@epa.gov>; Chen, Xi <Chen.Xi@epa.gov>; Donna Tedder <donna.tedder@erg.com>; Laura Van Enwyck <laura.vanenwyck@erg.com>; Jennifer.Nash@erg.com; Julie Swift <julie.swift@erg.com>
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Ned – please see attached files for the information you have listed below. For clarification, please also note:

- a. Chromatograms and instrument printouts from the GC/MS for all samples, blanks and QC samples are collected for each day (analyzed all samples in 3 days). ("may 21 18 data package.pdf", "may 22 18 data package.pdf", and "may 23 18 data package.pdf")
- b. Each set of sample chromatograms has the associated COCs attached at the end.
- c. Laboratory records of spike sample results, daily calibration and other QC steps taken during the analysis of the samples are included in the pdfs. ("may 21 18 data packages.pdf", etc.) The "ical 8050004.pdf" has the tune, internal standard response, concentrations, instrument response for each data point.
- d. The ical "ical 8050004.pdf" file lists all concentrations and analyses used to create the response factor report shown in the "calrpt.pdf" file previously shared.
- e. I have also attached our QAPP. This lists all modifications to the method for our TO-15 analysis. No further modifications were made to the method for ethylene oxide. ("QAPP 2018.pdf")
- f. The validation information and reports related to establishing and verifying the detection limits and reporting limits achieved, including records or reports regarding peak heights (response factors) are explained in Section 11.7 of the QAPP and the data is attached. ("mdl data.pdf")
- g. A narrative is attached that explains the sites, files and ical associated, is attached ("Narrative2.pdf").
- h. All information regarding the pre-cleaning of the canisters shipped for this study is explained in Section 10.1.1 of the QAPP, including cleaning methods and analyses used to verify and certify canisters free of potentially interfering substances. The files presenting the actual data is attached ("batch blank data.pdf").

Please let me know if you have any questions. Thank you! Julie

Julie L. Swift
VP/Program Manager/Chemist
ERG
601 Keystone Park Drive, Suite 700, Morrisville, NC 27560
Office - (919) 468-7924 | Fax - (919) 468-7803
julie.swift@erg.com

From: Shappley, Ned <Shappley.Ned@epa.gov>
Sent: Thursday, September 13, 2018 8:51 AM
To: Julie Swift <Julie.Swift@erg.com>
Cc: Weinstock, Lewis <Weinstock.Lewis@epa.gov>; Trinca, Laurie <Trinca.Laurie@epa.gov>; Shelow, David

<Shelow.David@epa.gov>

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Julie, as we discussed, this is the additional information that Region 5 has requested the following information for the testing in Willowbrook, Illinois in May of 2018. Please let me know if you have any questions.

Ned

2. Please provide all reports and "raw data" documentation from the laboratory ERG related to validation of the detection limits used and analysis of the field samples and related QC samples, including:
 - a. Chromatograms and instrument printouts from the GC/MS for all samples, blanks and QC samples
 - b. Copies of chains of custody records related to the samples
 - c. Laboratory records of spike sample results, daily calibration and other QC steps taken during the analysis of the samples
 - d. Regarding the previously provided document headed "calrpt.txt," please provide a narrative description explaining when these apparent internal standards/spikes were run and the actual spike concentrations.
 - e. Any reports, SOPs or similar documents maintained by the laboratory regarding modifications and alterations of EPA Method TO-15 to operate SIM mode with low-level detection limits for ethylene oxide.
 - f. All validation information and reports related to establishing and verifying the detection limits and reporting limits achieved, including records or reports regarding peak heights (response factors) and signal-to-noise comparisons.
 - g. Regarding the previously provided document headed "Data Review Report," please provide a narrative description of whether this represents the full extent of calibration samples run and whether there were additional calibration curves prepared or run during the course of analyzing the samples.
 - h. All records and reports regarding the pre-cleaning of the canisters shipped for this study, including cleaning methods and analyses used to verify and certify canisters free of potentially interfering substances.

Ned Shappley | USEPA|OAQPS|AQAD|Measurement Technology Group
109 TW Alexander Drive (E143-02) | Research Triangle Park, NC 27711
email: shappley.ned@epa.gov | Phone (919)541-7903